

**Quality Control Check Repot. Stage: Before Casting Footings (Villas)**

|                     |                 |         |            |  |
|---------------------|-----------------|---------|------------|--|
| Block No.           | 103             | Other   | Sl. No.    | 29484  |
| Company             | Nilgiri Estates | Project | Phase      | II   |
| Prepared by         | S. Sreed Kumar  | Sign    | Date       | 27/08/18   |
| Project Manager     | Mofhu Sudan     | Sign    | Date       | 27/08/18   |
| Approved by MD Date |                 | Sign    | For Filing | <input type="checkbox"/> Yes <input type="checkbox"/> No |

**Recommendation:**

- Stop further work. Submit ATR on QC report to QC team. Proceed only after recheck by QC.
- Stop further work. Proceed with work after submitting ATR on QC report to QC team.
- Proceed with further work only after making corrections pointed out in the QC report. ATR not required.
- Proceed with further work. ATR not required.

**Quality of centering, rod bending and marking.**

|  |   |
|--|---|
| Quality of centering, rod bending and marking? | <input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad |
|--|---|

Remarks: Rod Bending was not satisfy.

**Curing.**

|   |   |
|---|---|
| Tap provide at Apartment for curing.  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   |
| Distance of tap from furthest distance that requires curing. (max permitted 100') | 42.0'   |
| Source of water   | <input type="checkbox"/> Sump <input checked="" type="checkbox"/> OHT <input type="checkbox"/> Bore-well direct connection<br><input type="checkbox"/> None |
| Frequency of curing in number of times a day (enquire from labourers)             | 2 times   |
| Is the pressure in the curing pipe more than 15' head?                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |
| Quality of infrastructure for curing.   | <input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad   |

**Remarks:**

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Covering blocks check.

|                                   |      |   |      |
|-----------------------------------|------|---|------|
| Specified size of covering blocks | 50mm | Actual size of covering blocks being used | 50mm |
| Remarks:                          |      |   |      |
|                                   |      |   |      |

Earth Work Check.

|                        |   |                                      |   |
|------------------------|---|--------------------------------------|---|
| Quality of earth work? | <input type="checkbox"/> Good <input checked="" type="checkbox"/> Avg. <input type="checkbox"/> Bad | Excess earth shifted away from site? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Remarks:               |   |                                      |   |
|                        |   |                                      |   |

Footings Check.

Notes:

1. Mark ✓ for correct or minor mistake which does not require correction
2. Mark ✗ for minor mistake that requires minor correction.
3. Mark ✗✗ for major mistake that requires correction by replacement or re-fixing.
4. Mark ✗✗✗ for major mistake that cannot be corrected.
5. Pit size should be 6" to 12" more than the footings size on all sides.
6. Excess earth must be shifted away from footings area.
7. Depth should be more than or equal to the specified depth. Keep in mind PCC thickness & sand filling wrt to road FFL.
8. PCC should be 3" more than the footing size (or as specified) and in one level. (Level tolerance 1")
9. Footing size & depth tolerance is 1". Depth of footing must be marked by paint on column steel.
10. Proper pegs must be made for centerline marking on all sides in CRS or brickwork. Marking with rods is not permitted.
11. If space between footings is less than 12" then a 4" hollow block wall with mortar is to be raised between the footings. Do not combine the footings.
12. Covering blocks of specified thickness must be used (generally 50 mm). Tolerance 1/4".
13. Check the specified development lengths for mat and columns.

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| S no | Col No | Col type | Pit size | Pit depth | PCC level | Footing size | Footing depth marking | Mat size | Mat steel | Column steel | Development lengths for mat & columns | Pegs for centre-line | Spacing between footings |
|------|--------|----------|----------|-----------|-----------|--------------|-----------------------|----------|-----------|--------------|---------------------------------------|----------------------|--------------------------|
| 1.   | A1     | C1       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                                     | ✓                    | ✓                        |
| 2.   | A2     | C1       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                                     | ✓                    | ✓                        |
| 3.   | A3     | C2       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                                     | ✓                    | ✓                        |
| 4.   | A6     | C2       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                                     | ✓                    | ✓                        |
| 5.   | B8     | C1       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                                     | ✓                    | ✓                        |
| 6.   | C1     | C1       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                                     | ✓                    | ✓                        |
| 7.   | C2     | C1       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                                     | ✓                    | ✓                        |
| 8.   | C4     | C2       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                                     | ✓                    | ✓                        |
| 9.   | C7     | C2       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                                     | ✓                    | ✓                        |
| 10.  | D1     | C1       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                                     | ✓                    | ✓                        |
| 11.  | D2     | C1       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                                     | ✓                    | ✓                        |
| 12.  | D5     | C2       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                                     | ✓                    | ✓                        |
| 13.  | D7     | C2       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                                     | ✓                    | ✓                        |
| 14.  | D8     | C1       | ✓        | ✓         | ✓         | ✓            | ✓                     | ✓        | ✓         | ✓            | ✓                                     | ✓                    | ✓                        |
| 15.  |        |          |          |           |           |              |                       |          |           |              |                                       |                      |                          |
| 16.  |        |          |          |           |           |              |                       |          |           |              |                                       |                      |                          |
| 17.  |        |          |          |           |           |              |                       |          |           |              |                                       |                      |                          |
| 18.  |        |          |          |           |           |              |                       |          |           |              |                                       |                      |                          |
| 19.  |        |          |          |           |           |              |                       |          |           |              |                                       |                      |                          |
| 20.  |        |          |          |           |           |              |                       |          |           |              |                                       |                      |                          |
| 21.  |        |          |          |           |           |              |                       |          |           |              |                                       |                      |                          |
| 22.  |        |          |          |           |           |              |                       |          |           |              |                                       |                      |                          |
| 23.  |        |          |          |           |           |              |                       |          |           |              |                                       |                      |                          |